**4th Math Selection N Interim 3**

**Performance Assessment Rubric**

**2012-2013**

**31.**

**1.** Possible Answers for rectangular play areas. Score 1.5 points for making sketches of **SEVERAL** possible play areas with dimensions labeled correctly. (Give **1.5 points** for 3 or more correct dimensions,

**1 point** for 2 or more correct dimensions, **.5 point** for 1 correct dimension.)

19 ft x 1 ft

18 ft x 2 ft

17 ft x 3 ft

16 ft x 4 ft

15 ft x 5 ft

14 ft x 6 ft

13 ft x 7 ft

12 ft x 8 ft

11 ft x 9

10 ft x 10 ft

**2.** Score **1.5 points** for finding the play yard with the greatest area.

Answer: The play yard having the greatest area is 10 ft x 10 ft with a total of 100 square feet with a perimeter of 40 feet.

**3.** Score **1 point** for a good explanation of how they chose the dimensions of the playground with the greatest area.

Possible explanation: The closer the numbers (length and width) are together, the greater the area.